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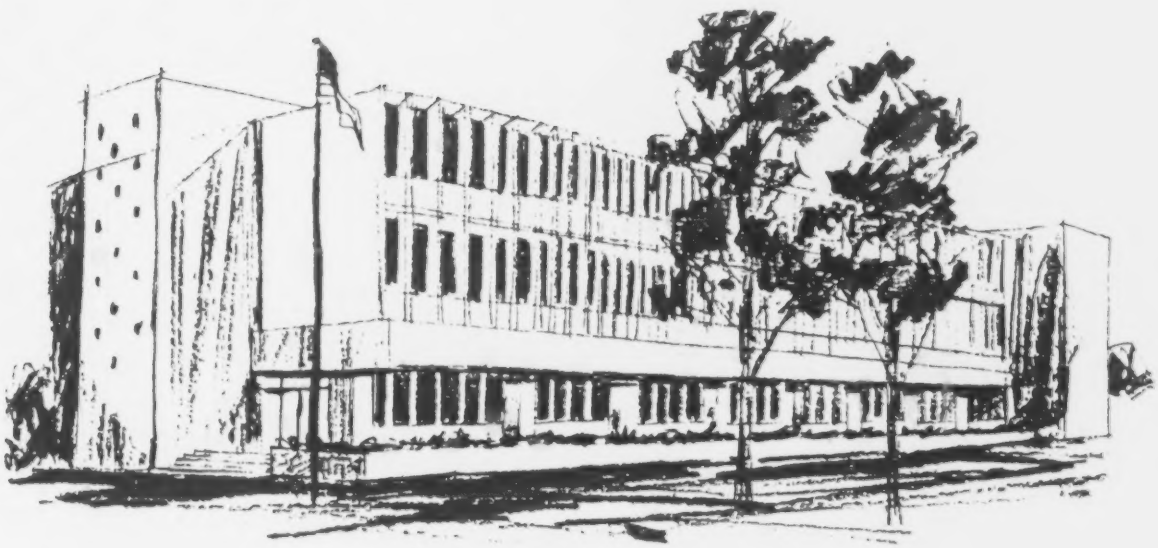
A SURVEY OF THE ENERGY AND WATER USE OF SELECTED HOTELS AND MOTELS

1983



TECHNICAL SERVICES CENTER
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Table of Contents

A Survey of the Energy and Water Use
of Selected Hotels and Motels
1983

	Page
Foreword	-i-
I. A SURVEY OF THE ENERGY REQUIREMENTS OF 204 HOTELS AND MOTELS -	
A. Introduction	1
...Location and Size Distribution of 204 Properties.....	2
...Energy Values Used.....	3
...Indicated Energy Use Reduction - 1983 versus 1982.....	3
B. A Survey of the Energy Requirements of 204 Hotels and Motels - (By Size of Property)	4
...Introduction.....	4
...Guest Room Distribution by Size of Property.....	7
...Use of Electricity by Size of Property.....	7
...Use of Fossil Fuels by Size of Property.....	7
...Energy Sources.....	10
C. The Energy Requirements of 204 Hotels and Motels-(By Geographical Location)	
...Summary of Energy Requirements by Geographical Location.....	13
...Use of Electricity by Region.....	15
...Use of Fossil Fuels by Region.....	15
II. A SURVEY OF THE DOMESTIC WATER USE OF 166 HOTELS/MOTELS -	18

Appendices

Page

Appendix A - Annual Energy Requirements of 204 Hotels/Motels - 1983 versus 1982 (By Size of Property)

A-1: Up to 150 Rooms (74 Properties)..... A-1a
A-2: 151 to 200 Rooms (42 Properties)..... A-2a
A-3: 201 to 300 Rooms (54 Properties)..... A-3a
A-4: 301 to 500 Rooms (22 Properties)..... A-4a
A-5: Over 500 Rooms (12 Properties)..... A-5a

Appendix B - Annual Energy Requirements - 1983 of 204 Hotels/Motels - (By Geographical Location)

B-1: Northeastern U.S. (17 Properties)..... B-1a
B-2: Midwestern U.S. (52 Properties)..... B-2a
B-3: Southeastern U. S. (53 Properties)..... B-3a
B-4: South Central U. S. (43 Properties)..... B-4a
B-5: Rocky Mountain States (17 Properties)..... B-5a
B-6: Pacific Coast States (22 Properties)..... B-6a

Appendix C - Domestic Water Use of 166 Hotels/Motels - 1983 - (By Size of Property)

C-1: Up to 150 Rooms (62 Properties)..... C-1a
C-2: 151 to 200 Rooms (39 Properties)..... C-2a
C-3: 201 to 300 Rooms (42 Properties)..... C-3a
C-4: 301 to 500 Rooms (16 Properties)..... C-4a
C-5: Over 500 Rooms (7 Properties)..... C-5a

List of Tables

	Page
Table 1 - Location and Size of 204 Hotel/Motel Properties Surveyed.....	2
Table 2 - Annual Energy Requirements (1983 versus 1982) of 204 Hotels/Motels (By Number of Guest Rooms).....	5
Table 3 - Use of Electricity (1983 versus 1982) of 204 Hotels/ Motels (By Size of Property).....	8
Table 4 - Use of Fossil Fuels (1983 versus 1982) of 204 Hotels/ Motels - (By Size of Property).....	9
Table 5 - Energy Source (1983 versus 1982) of 204 Hotels/Motels - (By Size of Property).....	11
Table 6 - Summary of Energy Use of 204 Hotels/Motels - 1983 - (By Geographical Area).....	14
Table 7 - Use of Electricity of 204 Hotels/Motels - 1983 (By Geographical Area).....	16
Table 8 - Use of Fossil Fuels of 204 Hotels/Motels - 1983 - (By Geographical Area).....	17
Table 9 - Water Use of 145 Hotels/Motels - 1983 - (By Size of Property).....	20

FOREWORD

Part I of this report contains the 1983 energy use data for 204 hotel/motel properties located in 41 states and the District of Columbia. It compares the energy use of the same properties for 1982 and 1983.

The 1983 versus the 1982 energy use data of each of the 204 hotels/motels is listed in Appendix A by size (number of guest rooms).

Appendix B includes a listing of the 204 properties by location (state and region).

The 1983 energy use data represents properties with a total of 51,942 guest rooms and a total interior building area of 31,025,122 square feet. The total energy requirement of the 204 properties was 3.8 trillion Btu's - an average of 125,167 Btu/sq ft/yr, down from 126,724 Btu/sq ft in 1982.

Since the Technical Services Center (formerly the Energy Technical Center) came into being in early 1977, the staff has conducted annual energy use surveys. The continuing analysis of the energy use over the past seven years is highly indicative that the industry has made substantial strides in energy conservation and management practices. A summary of the energy surveys conducted for the years 1977-1983 is shown on the following table.

Annual Energy Use Surveys: 1977-1983

	1977	1978 vs 1979		1979 vs 1980		1980 vs 1981		1981 vs 1982		1982 vs 1983	
No. of Properties	210	284	284	323	323	261	261	208	208	204	204
No. of Guest Rooms	59,648	68,911	69,368	70,311	71,137	64,293	64,607	51,431	53,723	51,942	51,942
Total Sq Ft (Millions)	42.6	40.4	40.8	39.8	40.3	38.5	38.5	29.8	31.2	31.0	31.0
Total Energy Use (Trillions/Btu's)	7.7	6.2	5.9	5.7	5.6	5.5	5.3	3.9	4.0	3.93	3.88
Btu/Sq Ft/Yr	181,685	153,308	143,977	143,055	137,801	141,919	136,620	131,955	128,742	126,724	125,167

Part II of this report contains a survey of the domestic water use of 166 hotels/motels in 1983. The properties surveyed are located in 39 states and are of various sizes (number of guest rooms), types (transient, convention, resort) and have a variety of water-using facilities.

Water availability is becoming a serious problem in certain areas of the United States, and because of the need for new or expanded sewage disposal facilities in many communities, costs are increasing substantially. Therefore, since energy and water use are closely related and both are essential to the operation of a hotel/motel, the Technical Services Center requested water use data from the participating properties in the 1983 annual energy use survey. Such requested data was received from 166 of the 204 properties included in the annual energy survey.

The Technical Services Center believes that such water use data can provide water use guidelines to property owners/managers and, also, assist architect/engineer firms involved in designing and constructing hotels/motels to consider factors that will conserve water.

* * *

I. A SURVEY OF THE ENERGY REQUIREMENTS OF 204 HOTELS AND MOTELS - 1983 versus 1982

A. INTRODUCTION

The survey of the energy requirements of 204 hotels/motels contained in this report are considered in two different aspects -

...energy requirements by size of property (number of guest rooms);

...by location (geographical area)

Appendix A lists the 1983 versus 1982 energy use data of each of the 204 properties by size of property.

No. of Guest Rooms	No. of Properties
Up to 150 rooms	74
151 to 200 rooms	42
201 to 300 rooms	54
301 to 500 rooms	22
Over 500 rooms	12
Total	204

Appendix B is a listing of the 204 properties by state and regional location.

Region	No. of Properties
Northeast	17
Midwest	52
Southeast	53
South Central	43
Rocky Mountain	17
Pacific Coast	22
Total	204

Location and Size Distribution of 204 Properties

Hotels and motels included in this report are located in 41 states and the District of Columbia. Table 1 is a summary of Appendix A and lists the properties by state location and size.

Table 1

Location and Size of 204 Hotel/Motel Properties
(1983 versus 1982 Energy Use Data on File
at TSC as of August 1, 1984)

State	Up to 150 Rooms	151 to 200 Rooms	201 to 300 Rooms	301 to 500 Rooms	Over 500 Rooms	Total Properties
Alabama	1	1	1	0	0	3
Alaska	0	0	1	0	0	1
Arizona	4	0	0	0	0	4
Arkansas	3	0	1	0	0	4
California	4	2	6	2	3	17
Colorado	1	1	0	0	0	2
Connecticut	0	0	0	1	0	1
Dist. of Columbia	1	0		0	0	1
Florida	0	2	3	1	1	7
Georgia	1	1	1	1	1	5
Hawaii	0	0	0	1	0	1
Illinois	0	1	4	3	2	10
Idaho	0	0	1	0	0	1
Indiana	1	2	2	0	0	5
Iowa	0	0	1	0	0	1
Kansas	1	1	0	0	0	2
Kentucky	3	2	0	1	0	6
Louisiana	3	1	2	0	0	6
Maryland	1	0	0	0	0	1
Massachusetts	1	0	0	1	0	2
Michigan	1	3	3	0	0	7
Minnesota	0	2	1	2	1	6
Mississippi	2	1	0	0	0	3
Missouri	1	1	3	1	0	6
Nevada	1	0	2	1	1	5
New Hampshire	1	0	0	0	0	1
New Mexico	1	0	1	0	0	2
New York	1	3	2	0	1	7
North Carolina	1	0	0	0	0	1
Ohio	6	1	5	0	0	12
Oklahoma	1	1	0	0	0	2
Oregon	0	0	0	1	0	1
Pennsylvania	1	0	1	1	0	3
South Carolina	3	2	1	0	0	6
Tennessee	2	3	6	2	1	14
Texas	18	6	3	3	1	31
Utah	1	2	0	0	0	3
Vermont	0	1	0	0	0	1
Virginia	1	0	1	0	0	2
Washington	1	0	1	0	0	2
West Virginia	5	1	0	0	0	6
Wisconsin	1	1	1	0	0	3
Wyoming	0	0	0	0	0	0
Totals	74	42	54	22	12	204

Above 204 properties represent:

31,025,122 sq ft of building area and
51,942 guest rooms

Energy Values

Throughout this report the following values were used for the various energy sources.

Energy Source	Unit	Value in British Thermal Units
Electricity	Kwh	3,412 Btu
Natural Gas	Therm or 100 Cu Ft	100,000 Btu
Fuel Oil	Gallon	140,000 Btu
Propane	Gallon	91,500 Btu
Steam	Pound	1,000 Btu

Indicated Energy Use Reduction - 1982 versus 1983

This report compares the energy use of the same hotels/motels (204 properties) for 1982-1983. The following summary indicates a reduction in energy use of 1.2 percent.

	204 Hotels/Motels Surveyed	
	1982	1983
Number of Guest Rooms	51,942	51,942
Total Sq Ft (Millions).....	31.0	31.0
Total Energy Use (Trillions of Btu's).....	3.93	3.88
Btu/Sq Ft/Yr.....	126,724	125,167
Indicated Decrease (1983 versus 1982).....	--	1.2%

B. A SURVEY OF THE ENERGY REQUIREMENTS OF 204 HOTELS AND MOTELS (By Size of Property).

Introduction

Appendix A presents the 1982 and 1983 energy use data for each of the 204 hotel/motel properties contained in the survey, and is organized by number of guest rooms of each property. These data are the basis for the analyses contained in this section of the report.

Table 2 compares the 1982 with the 1983 energy requirements of the 204 properties included in this survey. The table indicates that the average annual energy use by property size was as follows:

Size of Property	Btu/Sq Ft/Yr 1982	Btu/Sq Ft/Yr 1983	Percent Increase (+) Decrease (-)
...Up to 150 rooms (74 properties)	122,139	122,697	+0.5
...151 to 200 rooms (42 properties)	139,100	138,849	-0.2
...201 to 300 rooms (54 properties)	132,345	130,060	-0.7
...301 to 500 rooms (22 properties)	107,292	104,944	-2.2
...Over 500 rooms (12 properties)	129,573	127,662	-1.5
...Average for 204 properties	126,724	125,167	-1.2

Percentage-wise, on the basis of number of guest rooms, the distribution in 1983 of the 204 properties was as follows:

Table 2

Annual Energy Requirements
(1983 versus 1982)
204 Hotels/Motels

By Number of Guest Rooms

	Total Sq Ft		Total Btu's (Millions)		Average Btu Sq Ft		Increase/ Decrease
	1982	1983	1982	1983	1982	1983	1982 vs 1983
Up to 150 Rooms (74 properties)	3,828,718	3,828,718	467,635	469,896	122,139	122,697	+0.5%
151 to 200 Rooms (42 properties)	3,703,036	3,703,036	515,091	514,164	139,100	138,849	-0.2%
201 to 300 Rooms (54 properties)	6,540,093	6,540,093	865,550	850,606	132,345	130,060	-0.7%
301 to 500 Rooms (22 properties)	5,089,016	5,089,016	546,013	534,060	107,292	104,944	-2.2%
Over 500 Rooms (12 Properties)	11,864,259	11,864,259	1,537,334	1,514,612	129,573	127,662	-1.5%
Total - 204 Properties	31,025,122	31,025,122	3,931,623	3,883,338	126,724	125,167	-1.2%

Size of Property	% of Total Properties	% of Total Sq Ft	% of Total Energy Requirements
Up to 150 Rooms (74 properties)	36	12	12
151 to 200 Rooms (42 properties)	21	12	13
201 to 300 Rooms (54 properties)	26	21	22
301 to 500 Rooms (22 properties)	11	17	14
Over 500 Rooms (12 properties)	6	38	39
	100	100	100

The above tabulation indicates that 74 properties (up to 150 rooms), or 36% of the total properties, used only 12% of the total annual energy requirement, while 12 properties (over 500 rooms), or 6% of total properties, used 39% of the annual energy requirements.

From Table 2 it is also indicated that as the size (number of guest rooms) of the property increases, the square feet per guest room also increases. This reflects the high ratio of public area to guest room area that is characteristic of the larger hotels.

Size of Property-1983	Sq Ft per Guest Room
Up to 150 rooms	419
151 to 200 rooms	521
201 to 300 rooms	516
301 to 500 rooms	646
Over 500 rooms	783
Average - All Properties	597

Guest Room Distribution by Size of Property

The following tabulation shows the distribution of guest rooms by size of property. Note that those properties over 500 rooms represent only 6% of total properties, but account for 29% of total rooms. On the other hand, those properties of less than 150 rooms represent 36% of total properties but only 18% of total rooms.

Size and No of Properties	No of Rooms Represented	Percent of Total Rooms	Average No of Rooms Per Property
Up to 150 rooms (74 properties)	9,130	18	123
151 to 200 rooms (42 properties)	7,103	14	169
201 to 300 rooms (54 properties)	12,684	24	235
301 to 500 rooms (22 properties)	7,879	15	358
Over 500 rooms (12 properties)	15,146	29	1,262
204 Properties	51,942	100	255

Use of Electricity By Size of Property

Table 3 indicates that the use of electricity of the 204 properties in 1983 ranged from 17.8 Kwh/sq ft/yr for properties "Over 500 rooms" to 20.1 Kwh/sq ft for properties "201 to 300 rooms". The average for all properties was 18.7 Kwh/sq ft/yr. (63,709 Btu's/sq ft)

Use of Fossil Fuels By Size of Property

Table 4 lists fossil fuel use by size of property (number of guest rooms). The 204 properties surveyed had an average requirement in 1983 of 61,459 Btu's/sq ft versus 62,983 Btu's/sq ft in 1982; a decrease of 2.4 percent.

Table 3

Use of Electricity
(1983 versus 1982)
204 Hotels/Motels

By Size of Property

	Total Square Feet		Total Electric (Million Btu's)		Btu/Sq Ft/Yr		Kwh/Sq Ft/Yr	
	1982	1983	1982	1983	1982	1983	1982	1983
Up to 150 Rooms (74 properties)	3,828,718	3,828,718	246,655	245,370	64,422	64,087	18.9	18.8
151 to 200 Rooms (42 properties)	3,703,036	3,703,036	245,745	249,171	66,363	67,288	19.4	19.7
201 to 300 Rooms (54 properties)	6,540,093	6,540,093	444,824	447,855	68,015	68,478	19.9	20.1
301 to 500 Rooms (22 properties)	5,089,016	5,089,016	316,699	314,544	62,232	61,808	18.2	18.1
Over 500 Rooms (12 properties)	11,864,259	11,864,259	723,652	719,625	60,994	60,655	17.9	17.8
All Properties	31,025,122	31,025,122	1,977,575	1,976,565	63,741	63,709	18.7	18.7

Table 4

Use of Fossil Fuels
(1983 versus 1982)
204 Hotels/Motels

By Size of Property

	Total Sq Ft		Total (MM Btu)		Btu/Sq Ft/Yr		Increase/ Decrease
	1982	1983	1982	1983	1982	1983	1982 1983
Up to 150 Rooms (74 properties)	3,828,718	3,828,718	223,945	229,078	58,491	59,831	+2.3%
151 to 200 Rooms (42 properties)	3,703,036	3,703,036	266,822	262,504	72,055	70,889	-1.6%
201 to 300 Rooms (54 properties)	6,540,093	6,540,093	420,294	400,696	64,264	61,268	-4.7%
301 to 500 Rooms (22 properties)	5,089,016	5,089,016	229,314	219,517	45,061	43,135	-4.3%
Over 500 Rooms (12 properties)	11,864,259	11,864,259	813,673	794,978	68,582	67,006	-2.3%
All Properties	31,025,122	31,025,122	1,954,048	1,906,773	62,983	61,459	-2.4%

Fossil fuels used included natural gas, fuel oil, purchased steam and propane. Natural gas represented 88.5% of the fossil fuel requirements.

ENERGY SOURCES

1982 and 1983

	1982		1983	
	Btu (Millions)	Percent	Btu (Millions)	Percent
Electricity	1,977,575	50.3	1,976,565	50.9
Fossil Fuels	1,954,048	49.7	1,906,773	49.1
Total	3,931,623	100.00	3,883,338	100.0
Fossil Fuels				
Natural Gas	1,705,353	87.3	1,686,582	88.5
Steam (Purchased)	238,364	12.2	213,650	11.2
Fuel Oil	6,831	0.3	1,960	0.1
Propane	3,500	0.2	4,581	0.2
Total	1,954,048	100.0	1,906,773	100.0

Energy Sources

The mix of energy requirements (electricity and fossil fuels) in 1983 by number of guest rooms of the 204 properties analyzed (Table 5) shows that the smaller properties (up to 150 rooms) used 51.7% electricity and 48.3% fossil fuel - mainly natural gas. The large properties (over 500 rooms) had a mix of 47.5% electricity and 52.5% fossil fuels. The average for all properties was 50.9% electricity, 49.1% fossil fuels.

Table 5

Energy Source of 204 Hotels/Motels
1983 versus 1982

By Size of Property

	Percent Electricity 1982 vs	1983	Percent Fossil Fuel 1982 vs	1983
Up to 150 Rooms (74 properties)	52.4	51.7	47.6	48.3
151 to 200 Rooms (42 properties)	48.0	48.7	52.0	51.3
201 to 300 Rooms (54 properties)	51.4	52.8	48.6	47.2
301 to 500 Rooms (22 properties)	58.0	58.9	42.0	41.1
Over 500 Rooms (12 properties)	47.1	47.5	52.9	52.5
Average - All Properties	50.3	50.9	49.7	49.1

C. THE ENERGY REQUIREMENTS OF 204 HOTELS AND MOTELS
(By Geographical Location)

Appendix C lists the 1983 versus the 1982 energy use data of 204 individual hotels and motels by geographical (state) location. These data serve as the source for the following analyses based on location of hotel/motel properties.

For the purpose of this survey and analysis, six major geographical areas were used. The six areas include the following states:

Northeastern States

Maine	Connecticut	Pennsylvania
New Hampshire	Rhode Island	Maryland
Vermont	New York	Delaware
Massachusetts	New Jersey	District of Columbia

Midwestern States

Ohio	Michigan	North Dakota
Indiana	Minnesota	South Dakota
Illinois	Iowa	Nebraska
Wisconsin	Kansas	Missouri

Southeastern States

Kentucky	North Carolina	Alabama
West Virginia	South Carolina	Georgia
Virginia	Mississippi	Florida
Tennessee		

South Central States

Oklahoma	Louisiana
Arkansas	Texas

Rocky Mountain States

Montana	New Mexico	Utah
Wyoming	Arizona	Idaho
Colorado	Nevada	

Pacific Coast States

California	Hawaii
Oregon	Alaska
Washington	

Summary of Energy Requirements By Geographical Location

Table 6 is a summary of energy use in 1983 of 204 properties by regional location. The South Central region with 137,234 Btu/sq ft had the highest annual energy use, while the 102,392 Btu/sq ft average for the Pacific region locations was the lowest.

Region	Btu/sq ft/yr
Northeast (17 properties)	124,992
Southeast (53 properties)	122,810
Midwest (52 properties)	133,270
South Central (43 properties)	137,234
Rocky Mountain (17 properties)	121,630
Pacific Coast (22 properties)	102,392
Average - 204 properties	125,167

Table 6 also indicates that percentage-wise, on the basis of regional location, the distribution of the 204 properties is as follows:

Region	% of Total Properties	% of Total Sq Ft	% of Total Energy Use
Northeast	8	11	11
Southeast	26	20	20
Midwest	26	29	31
South Central	21	11	12
Rocky Mountain	8	14	14
Pacific Coast	11	15	12

Table 6

Summary of
Energy Use by Geographic Area
1983
204 Hotels/Motels

	Total Sq Ft	Total Energy (Million Btu) Elec	Fossil Fuel	Total	Btu/Sq Ft/Yr Elec	Fossil Fuel	Total
Northeast (17 properties)	3,494,745	213,412	223,400	436,812	61,067	63,925	124,992
Southeast (53 properties)	6,233,650	463,011	302,544	765,555	74,276	48,534	122,810
Midwest (52 properties)	8,879,212	514,736	668,598	1,183,334	57,971	75,299	133,270
South Central (43 properties)	3,471,771	255,152	221,292	476,444	73,493	63,741	137,234
Rocky Mountain (17 properties)	4,461,164	294,871	247,740	542,611	66,097	55,533	121,630
Pacific Coast (22 properties)	4,484,850	223,463	235,721	459,184	49,825	52,563	102,392
All Regions (204 properties)	31,025,122	1,976,565	1,906,773	3,883,338	63,709	61,458	125,167

Use of Electricity by Region

Table 7 shows that the annual use of electricity of the 204 properties ranged from 14.6 Kwh/sq ft in the Pacific Coast region to 21.8 Kwh/sq ft in the Southeastern region. The average for all properties was 18.7 Kwh/sq ft (63,709 Btu/sq ft).

Use of Fossil Fuels by Region

Table 8 indicates that the region with the highest annual requirement for fossil fuels was the Midwest with 75,299 Btu/sq ft. The Southeast region had the lowest requirement - 48,534 Btu/sq ft. The average for all properties was 61,458 Btu/sq ft.

Table 7

Use of Electricity - 1983
204 Hotels/Motels

By Geographical Area

	Total Sq Ft	Btu's Electricity (Millions)	Btu's Sq Ft	Kwh Sq Ft
Northeast (17 properties)	3,494,745	213,412	61,067	17.9
Southeast (53 properties)	6,233,650	463,011	74,276	21.8
Midwest (52 properties)	8,879,212	514,736	57,971	17.0
South Central (43 properties)	3,471,771	255,152	73,493	21.5
Rocky Mountain (17 properties)	4,461,164	294,871	66,097	19.4
Pacific Coast (22 properties)	4,484,580	223,463	49,829	14.6
204 Properties	31,025,122	1,976,565	63,709	18.7

Table 8

Use of Fossil Fuels - 1983
204 Hotels/Motels

By Geographical Area

	Total Sq Ft	Btu's Fossil Fuels (Millions)	Btu's Sq Ft	Therms* Sq Ft
Northeast (17 properties)	3,494,745	223,401	63,925	0.64
Southeast (53 properties)	6,233,650	302,544	48,534	0.49
Midwest (52 properties)	8,879,212	668,598	75,299	0.75
South Central (43 properties)	3,471,771	221,292	63,741	0.64
Rocky Mountain (17 properties)	4,461,164	247,740	55,533	0.56
Pacific Coast (22 properties)	4,484,580	235,721	52,563	0.53
204 Properties	31,025,122	1,906,773	61,458	0.61

Note:
*Equivalent therms (100,000 Btu) of natural gas

II. A SURVEY OF THE DOMESTIC WATER USE OF 166 HOTELS/ MOTELS - 1983

A. INTRODUCTION

As stated in the "Foreword" of this report, water management goes hand-in-hand with energy management. The availability of potable domestic water, along with the increasing costs of constructing adequate facilities for disposal, are causing water to become more and more costly and could well be the hospitality industry's next "crisis".

The water use data indicates that water requirements vary somewhat from one property to another and from one region to another. In addition to the use of water in the guest room, the domestic water requirements of kitchens, laundries, swimming pools, irrigation, etc., substantially affect the overall water use of a property.

B. WATER USE OF 166 HOTELS/MOTELS - 1983

Appendix C of this report contains water use data obtained from 166 hotels/motels located in 39 states. Whenever the information was available, water use is shown by (1) available room, (2) occupied room, and (3) per guest.

The higher ranges of water use can be attributed to facilities such as pools, restaurants, laundries, irrigation, etc., and, in some cases the lack of water conservation practices and wastage due to leaking pipes, faucets, etc.

Of the 166 hotels/motels for which 1983 water use data was received, only 145 properties provided data on which water use per available room could be determined. Some properties provided water use on a "per guest" basis only. An analysis of the water use of the 145 properties by "Size of Property" (Table 9) indicates water use per occupied room ranged from 133 gallons in the "Up to 150 Room" category to 270 gallons in the "Over 500 Room" group. The average use for all properties was 221 gallons per

occupied room. Based on an average of 1.5 guests per occupied room, the water use per guest is an estimated 147 gallons.

Table 9

Water Use By Size of Property
1983
145 Hotels/Motels

Size of Property	Total No. of Rooms	No. of Occupied Rooms	No. of Available Rooms	Total Water Use (Gals/1,000)	Gallons Per Available Room	Gallons Per Occupied Room	Est. Gals/ Guest (1)
Up to 150 Rooms (55 Properties)	6,839	1,832,770	2,496,235	366,296.9	147	200	133
151 to 200 Rooms (32 Properties)	5,575	1,482,009	2,034,875	343,756.0	169	232	155
201 to 300 Rooms (42 Properties)	9,780	2,569,189	3,659,700	552,447.0	151	215	143
301 to 500 Rooms (13 Properties)	4,656	1,225,568	1,699,440	281,929.4	166	230	153
Over 500 Rooms (3 Properties)	1,743	420,342	636,195	116,704.3	183	278	185
Totals/Average 145 Properties	28,593	7,529,878	10,526,445	1,661,133.6	159	221	147

(1) Number of guests per occupied room is estimated to be 1.5 guests.

APPENDIX A

Annual Energy Requirements
of
204 Hotels/Motels - 1983 versus 1982

By Size of Property

Appendix A-1:	Up to 150 Rooms	(74 properties)
Appendix A-2:	151 to 200 Rooms	(42 properties)
Appendix A-3:	201 to 300 Rooms	(54 properties)
Appendix A-4:	301 to 500 Rooms	(22 properties)
Appendix A-5:	Over 500 Rooms	(12 properties)

Appendix A-1

ANNUAL ENERGY REQUIREMENTS - 1983
With Comparison to 1982 Energy Survey

74 Selected Properties
Up to 150 Rooms

Location (State)	Property Size (Sq Ft)	Electricity (Kwh/Sq Ft)		Electricity (Btu/Sq Ft)		Fossil Fuel (Btu/Sq Ft)		Total (Btu/Sq Ft)	
		1982	1983	1982	1983	1982	1983	1982	1983
Alabama	45,598	17.0	15.0	58,230	51,180	32,435	43,883	90,665	95,063
Arizona	40,365	13.0	12.0	44,503	42.145	28,638	32,552	73,141	74,697
Arizona	70,063	21.5	20.4	73,436	69,735	38,165	39,382	111,601	109,117
Arizona	57,387	21.7	22.6	74,022	76,995	72,996	68,726	147,018	145,721
Arizona	57,714	17.4	17.8	59,355	60,656	78,208	92,066	137,563	152,722
Arkansas	48,904	27.9	25.2	95,375	85,956	93,489	96,066	188,864	182,022
Arkansas	39,618	16.0	13.0	55,255	47,160	40,486	39,073	95,741	86,233
Arkansas	41,860	17.0	19.0	58,019	65,549	40,253	35,523	98,272	101,072
California	59,732	15.5	16.1	52,838	55,066	56,142	59,158	108,980	114,224
California	70,883	13.3	17.0	45,248	57,907	48,368	51,056	93,616	108,963
California	63,898	18.3	19.4	62,529	66,320	46,297	58,815	108,828	125,135
California	66,665	15.4	17.4	52,614	59,268	44,806	47,880	97,420	107,148
Colorado	49,700	13.0	15.0	47,561	52,861	62,434	69,979	109,995	122,840
District of Columbia	65,375	31.1	31.5	106,105	107,618	-0-	-0-	106,105	107,618
Georgia	45,598	14.4	13.2	49,146	45,061	38,795	39,694	87,941	84,755
Indiana	45,598	14.0	14.6	47,833	49,952	25,769	27,589	73,602	77,541
Kansas	45,598	18.0	19.0	60,492	63,457	41,186	42,041	101,678	105,498
Kentucky	48,961	17.9	19.5	61,132	66,455	28,655	30,003	89,787	96,458
Kentucky	55,151	23.2	25.2	79,074	85,980	69,845	62,460	148,918	148,440
Kentucky	37,928	28.6	27.6	97,606	94,202	89,775	79,978	187,381	174,180
Louisiana	39,618	17.8	17.6	60,664	59,942	47,075	51,113	107,739	111,055
Louisiana	37,748	21.0	20.3	71,688	69,182	48,956	44,816	120,644	114,058
Louisiana	52,699	14.8	13.2	50,563	44,953	40,645	52,297	91,208	97,250
Maryland	54,274	18.1	19.5	61,734	66,513	105,832	119,899	167,566	186,412

Appendix A-1 (Cont'd)

Up to 150 Rooms

Location (State)	Property Size (Sq Ft)	Electricity (Kwh/Sq Ft) 1982	Electricity (Kwh/Sq Ft) 1983	Electricity (Btu/Sq Ft) 1982	Electricity (Btu/Sq Ft) 1983	Fossil Fuel (Btu/Sq Ft) 1982	Fossil Fuel (Btu/Sq Ft) 1983	Total (Btu/Sq Ft) 1982	Total (Btu/Sq Ft) 1983
Massachusetts	59,516	19.1	19.9	65,125	67,877	68,200	84,179	133,325	152,056
Michigan	77,110	17.7	17.9	60,222	61,018	73,842	70,960	134,064	131,978
Mississippi	42,541	33.0	31.3	112,769	106,674	98,282	91,681	211,051	198,355
Mississippi	37,749	16.7	17.2	57,045	58,576	38,067	37,988	95,112	96,564
Missouri	39,651	29.4	26.0	100,391	88,812	23,757	25,296	124,148	114,108
Nevada	66,357	11.2	11.0	38,101	37,484	116,363	96,594	154,464	134,078
New Hampshire	103,692	7.7	8.2	26,390	27,904	84,317	80,749	110,707	108,653
New Mexico	39,618	11.4	9.0	39,048	33,881	41,471	43,187	80,519	77,068
New York	69,769	15.8	16.8	53,892	57,511	67,351	59,066	121,243	116,577
North Carolina	53,050	18,6	20.6	63,546	70,362	115,304	125,919	178,850	196,281
Ohio	75,884	23.3	19.8	79,405	67,624	80,644	77,082	160,049	144,706
Ohio	86,139	10.5	11.0	35,848	37,511	105,930	109,650	141,751	147,161
Ohio	54,735	18.5	19.9	62,994	68,041	59,651	61,083	122,645	129,124
Ohio	48,860	22.6	24.6	77,057	83,819	58,821	63,473	138,878	147,292
Ohio	61,575	16.3	17.2	55,477	58,779	67,365	70,819	122,842	129,598
Ohio	57,200	22.2	20.9	75,839	71,197	50,699	58,322	126,538	129,519
Oklahoma	45,598	18.4	16.4	62,935	55,801	31,383	30,462	94,318	86,263
Pennsylvania	72,713	18.8	20.2	64,239	68,885	64,569	66,879	128,808	135,764
South Carolina	66,780	17.9	16.2	61,159	55,436	101,722	105,660	162,881	161,096
South Carolina	45,598	12.5	12.2	42,530	41,747	34,804	31,800	77,334	73,547
South Carolina	45,598	12.2	13.4	41,732	45,818	25,440	30,352	67,172	76,170
Tennessee	45,598	17.9	17.0	61,198	57,845	22,304	22,962	83,502	80,806
Tennessee	41,819	23.5	21.2	80,107	72,474	48,375	39,111	128,482	111,585
Texas	45,598	16.6	15.4	56,527	52,439	46,107	43,006	102,634	95,445
Texas	38,869	16.4	15.8	55,950	53,770	51,105	39,566	97,054	93,336
Texas	37,375	17.9	16.6	61,046	56,640	42,491	43,441	103,537	100,081
Texas	38,870	15.6	14.2	53,213	48,595	37,252	37,384	90,465	85,979
Texas	37,338	16.8	16.0	57,167	54,682	39,397	42,241	96,564	96,923

Appendix A-1 (Cont'd)

Up to 150 Rooms

Location (State	Property Size (Sq Ft)	Electricity (Kwh/Sq Ft) 1982	1983	(Btu/Sq Ft) 1982	1983	(Btu/Sq Ft) 1982	1983	(Btu/Sq Ft) 1982	1983
Texas	37,375	19.9	17.2	67,909	58,761	50,247	47,085	118,156	105,846
Texas	42,981	14.6	13.6	49,980	46,327	47,393	42,188	97,373	88,515
Texas	37,375	15.5	15.7	52,966	53,597	44,455	50,510	97,421	104,107
Texas	45,980	16.7	17.1	57,079	58,345	41,997	44,867	99,076	103,212
Texas	38,123	15.0	14.1	51,271	48,178	49,201	57,915	100,472	106,093
Texas	45,598	13.8	13.6	47,112	46,309	36,765	37,004	83,877	83,313
Texas	45,224	11.3	11.1	38,674	37,737	40,333	34,172	79,007	71,909
Texas	48,214	19.5	18.3	66,562	62,418	58,842	70,166	125,404	132,584
Texas	47,840	12.9	13.2	44,130	45,136	63,390	57,207	107,520	102,343
Texas	48,214	16.7	15.6	57,100	53,269	92,359	85,006	149,459	138,275
Texas	39,618	12.7	12.8	43,198	43,611	33,755	41,643	76,952	85,254
Texas	37,375	13.3	11.3	45,439	38,531	41,771	33,983	87,210	72,514
Texas	28,031	14.8	14.3	50,437	48,728	57,547	56,823	107,984	105,551
Utah	45,598	17.4	20.1	59,448	68,591	39,278	47,392	98,726	115,983
Virginia	62,584	30.5	31.1	104,239	106,203	16,058	19,308	120,297	125,511
Washington	65,553	9.6	9.4	32,792	31,907	59,456	52,312	92,248	84,219
West Virginia	48,860	26.4	27.7	90,135	94,591	68,154	66,526	158,289	161,117
West Virginia	56,201	19.6	22.0	66,920	75,200	62,259	49,422	129,179	124,622
West Virginia	47,860	20.5	22.6	69,808	76,947	59,528	59,235	129,336	136,182
West Virginia	55,262	18.3	17.7	62,376	60,539	130,903	139,354	193,279	199,893
West Virginia	65,924	21.1	19.1	71,871	65,123	108,958	99,524	180,829	164,647
Wisconsin	62,791	16.1	14.5	55,046	49,612	53,957	52,644	109,003	102,256

Average/ All Properties:	1982	1983
Btu/Sq Ft	122,139	122,697

Appendix A-2

ANNUAL ENERGY REQUIREMENTS - 1983
With Comparison to 1982 Energy Survey

42 Selected Properties
151 to 200 Rooms

Location (State)	Property Size (Sq Ft)	Electricity (Kwh/Sq Ft)		Electricity (Btu/Sq Ft)		Fossil Fuel (Btu/Sq Ft)		Total (Btu/Sq Ft)	
		1982	1983	1982	1983	1982	1983	1982	1983
Alabama	72,745	25.1	25.6	85,739	87,194	66,616	67,730	152,355	154,924
California	101,006	14.9	15.8	50,941	53,981	45,281	41,948	96,222	95,929
California	77,309	19.9	18.3	67,880	62,273	85,502	75,272	153,382	137,545
Colorado	94,846	11.7	13.1	40,075	44,572	90,903	84,122	130,978	128,694
Florida	101,023	21.4	20.9	72,919	71,433	30,477	40,033	103,396	111,466
Florida	80,414	18.2	19.0	62,119	64,706	48,722	45,611	110,841	110,317
Georgia	65,599	18.7	21.3	63,716	72,454	47,949	55,943	111,665	128,397
Illinois	91,320	14.4	17.0	49,255	57,943	70,686	73,238	119,941	131,181
Indiana	80,347	19.6	19.9	66,841	68,072	83,034	70,564	149,875	138,636
Indiana	83,216	12.6	13.2	42,970	45,143	106,272	103,351	149,242	148,494
Kansas	133,159	14.2	16.4	48,429	55,808	82,931	93,482	131,360	149,290
Kentucky	73,695	24.2	24.0	82,692	81,883	-0-	-0-	82,692	81,883
Kentucky	66,000	15.0	15.2	51,212	51,749	102,364	109,001	153,576	160,750
Louisiana	99,612	22.8	22.9	77,959	77,994	57,631	60,907	135,590	138,901
Michigan	95,278	19.2	19.2	65,606	65,606	63,948	63,237	129,554	128,843
Michigan	99,792	14.2	14.0	48,312	47,799	78,061	70,245	126,373	118,044
Michigan	88,374	17.9	16.5	61,156	56,407	83,234	76,490	144,390	132,897
Minnesota	99,743	19.8	20.1	67,492	68,518	80,236	70,291	147,728	138,809
Minnesota	104,119	22.8	21.2	77,661	72,369	82,713	86,074	160,374	158,463
Mississippi	95,738	24.8	24.3	84,571	82,932	37,916	42,595	122,487	125,527
Missouri	94,780	16.7	19.1	56,879	65,230	94,231	95,315	151,110	160,545
New York	74,596	11.1	12.0	37,884	41,030	117,821	115,753	155,705	156,783
New York	83,871	26.8	26.2	91,498	89,475	29,831	29,033	121,329	118,508
New York	80,998	20.0	22.0	68,162	74,988	36,618	42,579	104,780	117,567

Appendix A-2 (Cont'd)

151 - 200 Rooms

Location (State)	Property Size (Sq Ft)	Electricity (Kwh/Sq Ft) 1982	Electricity (Kwh/Sq Ft) 1983	Electricity (Btu/Sq Ft) 1982	Electricity (Btu/Sq Ft) 1983	Fossil Fuel (Btu/Sq Ft) 1982	Fossil Fuel (Btu/Sq Ft) 1983	Total (Btu/Sq Ft) 1982	Total (Btu/Sq Ft) 1983
Ohio	88,838	19.3	19.9	65,828	67,764	51,284	47,675	117,112	115,439
Oklahoma	86,314	21.5	21.4	73,522	73,091	60,083	57,935	133,605	131,026
South Carolina	111,962	22.8	23.7	77,650	80,941	27,491	29,045	105,141	109,986
South Carolina	99,358	19.9	20.7	67,856	70,638	82,490	68,621	150,346	139,259
Tennessee	87,148	18.7	19.0	63,974	64,914	79,623	80,013	143,597	144,927
Tennessee	90,838	20.9	20.0	71,292	68,249	56,435	50,329	127,727	118,578
Tennessee	71,978	24.2	24.6	82,718	83,952	73,986	65,346	156,704	149,298
Texas	78,412	20.1	20.2	68,491	69,056	72,062	71,986	140,553	141,042
Texas	59,897	40.3	37.1	137,398	126,576	45,511	45,119	182,909	171,695
Texas	91,602	21.6	19.4	73,752	66,264	53,473	59,521	127,225	125,785
Texas	90,604	23.7	23.4	81,003	79,949	74,368	75,802	155,371	155,751
Texas	62,707	26.4	29.6	89,996	101,043	68,565	74,280	158,561	175,323
Texas	66,996	15.9	13.6	54,206	46,510	36,241	35,099	90,447	81,609
Utah	81,378	16.0	15.6	54,548	53,122	99,191	88,181	153,739	141,303
Utah	80,649	13.3	13.7	45,353	46,876	159,890	186,921	205,243	233,797
Vermont	135,000	21.4	21.4	73,051	72,896	53,482	48,680	126,533	121,556
West Virginia	77,377	20.6	21.2	70,189	72,193	67,656	64,554	137,845	136,747
Wisconsin	104,398	13.6	14.8	46,344	50,396	148,996	140,181	195,340	190,577

Average/ All Properties:	1982	1983
Btu/Sq Ft	139,100	138,849

Appendix A-3

ANNUAL ENERGY REQUIREMENTS - 1983
With Comparison to 1982 Energy Survey

54 Selected Properties
201 to 300 Rooms

Location (State)	Property Size (Sq Ft)	Electricity (Kwh/Sq Ft)		Electricity (Btu/Sq Ft)		Fossil Fuel (Btu/Sq Ft)		Total (Btu/Sq Ft)	
		1982	1983	1982	1983	1982	1983	1982	1983
Alabama	87,058	22.5	22.2	76,739	75,876	50,805	51,804	127,544	127,680
Alaska	137,104	14.3	17.4	48,729	59,369	32,260	82,537	158,638	141,906
Arkansas	111,997	23.5	23.3	80,124	79,636	78,154	76,341	158,278	155,977
California	109,325	13.7	15.5	46,659	52,745	32,392	30,434	79,051	83,179
California	143,081	14.6	15.3	49,768	52,081	42,936	38,391	92,704	90,472
California	83,959	16.6	17.2	56,610	58,642	59,004	52,874	115,614	111,516
California	104,280	15.5	16.6	52,973	56,539	44,971	46,182	97,944	102,721
California	144,716	29.8	29.0	101,668	98,953	72,093	73,461	173,761	172,414
California	118,792	16.5	16.9	56,342	57,726	68,725	64,090	125,067	121,816
Florida	107,291	23.6	23.7	80,680	80,744	54,037	64,007	134,717	144,751
Florida	119,548	26.9	25.8	91,873	87,906	45,326	39,211	137,199	127,117
Florida	107,709	34.1	34.8	116,290	118,698	35,025	33,138	151,315	151,836
Georgia	118,539	19.2	19.1	65,483	65,224	55,329	50,628	120,812	115,852
Idaho	153,315	26.7	26.8	91,230	-0-	-0-	-0-	91,230	91,601
Illinois	121,223	19.9	17.9	67,889	60,993	54,883	49,929	122,772	110,922
Illinois	134,269	18.7	18.1	63,732	61,903	75,356	62,472	139,088	124,375
Illinois	146,701	18.4	19.7	62,704	67,193	60,300	49,490	123,004	126,683
Illinois	103,628	27.1	25.6	92,455	87,516	82,748	74,767	175,203	162,283
Indiana	129,117	19.9	20.5	68,020	69,817	97,030	92,760	165,050	162,577
Indiana	158,834	19.9	21.6	68,075	73,725	74,650	66,851	142,725	140,576
Iowa	78,845	12.1	12.9	41,371	44,054	125,838	112,650	167,209	156,704
Louisiana	104,276	21.1	18.5	72,084	63,118	49,140	52,048	121,224	115,166
Louisiana	142,920	24.7	22.3	84,393	76,228	71,235	63,378	155,628	139,606
Michigan	136,885	19.8	20.7	67,674	70,591	108,178	109,040	175,852	179,631

Appendix A-3 (Cont'd)

201 - 300 Rooms

Location (State)	Property Size (Sq Ft)	Electricity (Kwh/Sq Ft) 1982	Electricity (Kwh/Sq Ft) 1983	Electricity (Btu/Sq Ft) 1982	Electricity (Btu/Sq Ft) 1983	Fossil Fuel (Btu/Sq Ft) 1982	Fossil Fuel (Btu/Sq Ft) 1983	Total (Btu/Sq Ft) 1982	Total (Btu/Sq Ft) 1983
Michigan	123,985	15.8	15.5	53,773	52,782	62,894	49,760	116,667	102,542
Michigan	114,813	16.8	20.1	57,258	68,481	98,421	100,582	155,679	169,063
Minnesota	132,401	29.0	25.6	98,881	87,341	53,089	40,649	151,970	127,990
Missouri	90,022	14.6	15.7	49,788	53,698	118,382	111,927	168,170	165,625
Missouri	207,934	12.8	13.8	43,681	47,012	65,944	69,460	109,625	116,472
Missouri	124,410	12.6	13.6	43,140	46,295	64,903	66,024	109,043	112,319
Nevada	95,689	15.5	16.0	52,951	54,556	29,097	32,084	82,858	86,640
Nevada	152,763	11.4	12.5	38,753	42,617	43,911	50,731	82,664	93,348
New Mexico	146,244	15.7	16.3	53,568	55,528	56,355	55,342	109,923	110,870
New York	124,483	17.9	18.1	60,986	61,726	73,478	63,905	134,464	125,631
New York	160,826	29.3	29.8	99,984	101,617	-0-	-0-	99,984	101,617
Ohio	126,902	15.2	15.2	52,429	52,429	98,404	94,772	150,833	147,201
Ohio	144,157	16.4	15.5	55,905	52,876	53,893	46,404	109,798	99,280
Ohio	126,014	34.6	41.4	117,944	141,149	-0-	-0-	117,944	141,149
Ohio	120,668	14.3	13.9	48,894	47,446	72,795	65,311	121,689	112,757
Ohio	109,362	17.4	16.3	59,244	55,578	114,683	108,446	173,927	164,024
Pennsylvania	156,211	11.6	12.2	39,513	41,478	104,392	107,030	143,905	148,508
South Carolina	83,268	24.4	25.3	83,099	86,459	63,097	67,529	146,196	153,988
Tennessee	121,559	15.1	15.9	51,506	54,088	54,212	48,799	105,718	102,887
Tennessee	120,894	18.4	18.6	62,853	63,474	53,737	53,924	116,590	117,398
Tennessee	92,750	26.3	26.6	89,650	90,644	34,404	33,783	124,054	124,427
Tennessee	84,557	25.3	26.1	86,312	89,056	65,234	68,404	151,546	157,460
Tennessee	92,772	20.3	21.3	69,364	72,674	74,904	76,230	144,268	148,904
Tennessee	138,981	20.6	20.4	70,385	69,624	41,023	42,631	111,408	112,255

Appendix A-3 (Con't'd)

201 - 300 Rooms

Location (State)	Property Size (Sq Ft)	Electricity (Kwh/Sq Ft) 1982	Electricity (Kwh/Sq Ft) 1983	Electricity (Btu/Sq Ft) 1982	Electricity (Btu/Sq Ft) 1983	Fossil Fuel (Btu/Sq Ft) 1982	Fossil Fuel (Btu/Sq Ft) 1983	Total (Btu/Sq Ft) 1982	Total (Btu/Sq Ft) 1983
Texas	82,894	25.2	23.2	85,986	78,988	85,259	71,874	171,245	150,862
Texas	141,509	20.7	20.9	70,478	71,373	65,763	62,590	136,241	133,963
Texas	103,577	33.7	31.3	114,967	106,764	50,214	51,392	165,181	158,156
Virginia	65,032	22.1	22.2	75,500	75,867	81,895	71,866	157,395	147,733
Washington	124,075	11.4	12.1	38,829	41,331	79,901	72,720	118,730	114,051
Wisconsin	127,929	20.2	21.0	68,838	71,692	122,803	120,142	191,641	191,834

Average/ All Properties:	1982	1983
Btu/Sq Ft	132,345	130,060

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Appendix A-4

ANNUAL ENERGY REQUIREMENTS - 1983
With Comparison to 1982 Energy Survey

22 Selected Properties
301 to 500 Rooms

Location (State)	Property Size (Sq Ft)	Electricity (Kwh/Sq Ft) 1982	Electricity (Kwh/Sq Ft) 1983	Electricity (Btu/Sq Ft) 1982	Electricity (Btu/Sq Ft) 1983	Fossil Fuel (Btu/Sq Ft) 1982	Fossil Fuel (Btu/Sq Ft) 1983	Total (Btu/Sq Ft) 1982	Total (Btu/Sq Ft) 1983
California	299,610	16.9	17.6	57,704	60,130	11,858	9,582	69,562	69,712
California	192,024	11.3	10.4	38,469	38,096	61,132	60,091	99,601	98,187
Connecticut	205,703	27.2	28.0	92,854	95,657	-0-	-0-	92,854	95,657
Florida	188,697	26.2	26.4	89,361	90,174	30,155	27,254	119,516	117,428
Georgia	208,516	18.1	18.7	61,909	63,827	56,782	53,814	118,672	117,641
Hawaii	135,895	18.2	15.0	62,066	51,345	34,954	35,156	97,020	86,501
Illinois	435,620	18.9	18.7	64,421	63,835	24,016	24,885	88,437	88,720
Illinois	314,692	22.6	22.2	77,241	75,896	50,626	46,964	127,867	122,860
Illinois	183,221	29.4	26.2	100,300	89,518	16,069	14,127	116,369	103,645
Kentucky	98,578	20.3	21.0	69,174	71,602	28,952	29,683	98,126	101,285
Massachusetts	160,885	25.3	22.0	86,273	75,054	68,118	37,570	154,391	112,624
Minnesota	244,431	12.5	11.2	42,714	38,108	74,688	52,977	117,402	91,085
Minnesota	433,000	11.3	12.4	38,450	42,349	56,827	50,737	95,277	93,085
Missouri	261,718	14.3	14.6	48,863	49,775	65,807	56,198	114,670	105,973
Nevada	217,390	10.9	11.3	37,245	38,407	17,300	13,893	54,545	52,300
Oregon	390,130	12.4	13.2	42,206	45,208	60,029	86,707	102,235	131,915
Pennsylvania	317,273	16.6	17.2	56,469	58,599	41,160	41,267	97,629	99,860
Tennessee	144,547	19.7	21.1	67,297	71,994	72,517	75,730	139,814	147,724
Tennessee	148,482	24.2	21.5	82,403	73,189	54,314	59,421	136,717	132,610
Texas	153,795	21.2	21.2	77,338	72,226	57,913	55,504	130,251	127,730
Texas	151,454	23.1	21.5	78,827	73,239	47,627	46,407	126,454	119,646
Texas	203,855	22.9	23.5	78,119	80,020	66,856	58,444	144,975	138,464
Average/ All Properties: Btu/sq ft		1982 107,292	1983 104,944						

Appendix A-5

ANNUAL ENERGY REQUIREMENTS - 1983
With Comparison to 1982 Energy Survey

12 Selected Properties
Over 500 Rooms

Location (State)	Property Size (Sq Ft)	Electricity (Kwh/Sq Ft) 1982	Electricity (Kwh/Sq Ft) 1983	Electricity (Btu/Sq Ft) 1982	Electricity (Btu/Sq Ft) 1983	Fossil Fuel (Btu/Sq Ft) 1982	Fossil Fuel (Btu/Sq Ft) 1983	Total (Btu/Sq Ft) 1982	Total (Btu/Sq Ft) 1983
California	281,166	15.3	15.8	52,037	53,915	59,207	56,116	111,244	110,031
California	1,377,034	12.1	12.6	41,382	42,947	52,253	50,671	93,635	93,618
California	338,343	10.6	11.1	36,042	37,817	44,520	38,149	80,562	75,966
Florida	348,720	24.7	24.4	84,116	83,157	31,905	33,367	116,021	116,524
Georgia	1,170,600	24.5	23.9	83,487	81,648	33,654	31,826	117,141	113,474
Illinois	1,750,000	10.7	11.0	36,483	37,467	121,846	116,932	147,561	146,836
Illinois	342,600	33.7	26.4	115,048	90,060	23,641	22,756	138,689	112,816
Minnesota	537,316	17.3	17.2	58,997	58,621	93,732	96,571	152,729	155,192
Nevada	3,012,086	20.3	21.0	69,307	71,779	49,557	55,937	118,864	127,716
New York	1,569,570	14.5	14.8	49,582	50,639	87,492	82,589	137,074	133,288
Tennessee	543,017	15.0	14.9	51,072	50,933	46,665	45,528	97,737	96,461
Texas	593,807	31.3	28.0	106,949	95,470	127,762	101,848	234,711	197,318

Average/ All Properties:	1982	1983
Btu/sq ft	129,573	127,662

APPENDIX B

Annual Energy Requirements - 1983
of
204 Hotels/Motels

By Geographical Area

Appendix B-1:	Northeastern U.S.	(17 properties)
Appendix B-2:	Midwestern U. S.	(52 properties)
Appendix B-3:	Southeastern U. S.	(53 properties)
Appendix B-4:	South Central U. S.	(43 properties)
Appendix B-5:	Rocky Mountain States	(17 properties)
Appendix B-6:	Pacific Coast States	(22 properties)

Appendix B-1

Annual Energy Requirements - 1983
17 Hotels/Motels

Northeastern U.S.

State	Sq Ft	Btu/Elec (Millions)	Btu/Fossil (Millions)	Total Btu's (Millions)	Btu/Sq Ft
Connecticut	205,703	19,677	-0-	19,677	95,657
Dist. of Columbia	65,375	7,036	-0-	7,036	107,618
Maryland	54,274	3,610	6,507	10,117	186,412
Massachusetts	59,516	4,040	5,010	9,050	152,056
Massachusetts	160,885	12,075	6,045	18,120	112,624
New Hampshire	103,692	2,893	8,373	11,266	108,653
New York	69,769	4,013	4,121	8,134	116,577
New York	124,483	7,684	7,955	15,639	125,631
New York	160,826	16,343	-0-	16,343	101,617
New York	74,596	3,061	8,635	11,695	156,783
New York	83,871	7,504	2,435	9,939	118,508
New York	80,988	6,074	3,449	9,523	117,567
New York	1,569,570	79,482	129,629	209,111	133,228
Pennsylvania	156,211	6,479	16,719	23,199	148,508
Pennsylvania	72,713	5,009	4,863	9,872	135,764
Pennsylvania	317,273	18,592	13,091	31,683	99,860
Vermont	135,000	9,841	6,569	16,410	121,556

Average
17 Properties: 124,992 Btu/Sq Ft

Appendix B-2

Annual Energy Requirements - 1983
52 Hotels/Motels

Midwestern U.S.

State	Sq Ft	Btu/Elec (Millions)	Btu/Fossil (Millions)	Total Btu's (Millions)	Btu/Sq Ft
Illinois	121,223	7,394	6,053	13,446	110,923
Illinois	314,692	23,884	14,779	38,663	122,860
Illinois	342,600	30,855	7,796	38,651	112,816
Illinois	183,221	16,402	2,589	18,990	103,645
Illinois	134,269	8,312	8,388	16,700	124,375
Illinois	146,701	9,857	8,727	18,585	126,683
Illinois	103,628	9,069	7,748	16,817	162,283
Illinois	91,320	5,291	6,688	11,980	131,181
Illinois	435,620	27,808	10,840	38,648	88,720
Illinois	1,750,000	65,567	204,631	270,198	154,399
Indiana	129,117	9,015	11,977	20,992	162,577
Indiana	80,347	5,469	5,670	11,139	138,636
Indiana	83,216	3,757	8,601	12,357	148,494
Indiana	158,834	11,710	10,618	22,328	140,576
Indiana	45,598	2,278	1,258	3,536	77,541
Iowa	78,845	3,473	8,882	12,355	156,704
Kansas	133,159	7,431	12,448	19,879	149,290
Kansas	45,598	2,894	1,917	4,811	105,498
Michigan	136,885	9,663	14,926	24,589	179,631
Michigan	95,278	6,251	6,025	12,276	128,843
Michigan	99,792	4,770	7,010	11,780	118,044
Michigan	77,110	4,705	5,472	10,177	131,978
Michigan	123,985	6,544	6,170	12,714	102,542
Michigan	88,374	4,985	6,760	11,745	132,897
Michigan	114,813	7,863	11,548	19,411	169,063
Minnesota	99,743	6,834	7,011	13,845	138,809
Minnesota	244,431	9,315	12,949	22,264	91,085
Minnesota	104,419	7,535	8,964	16,499	158,463
Minnesota	433,000	18,337	21,968	40,305	93,085
Minnesota	132,401	11,564	5,382	16,946	127,990
Minnesota	537,316	31,498	51,889	83,387	155,192
Missouri	94,780	6,183	9,034	15,217	160,545
Missouri	207,934	9,775	14,443	24,218	116,472
Missouri	261,718	13,027	14,708	27,735	105,973
Missouri	124,410	5,760	8,214	13,974	112,319
Missouri	90,022	4,834	10,076	14,910	165,625

Appendix B-2 (Cont'd)

Midwestern U.S.

State	Sq Ft	Btu/Elec (Millions)	Btu/Fossil (Millions)	Total Btu's (Millions)	Btu/Sq Ft
Missouri	39,651	3,527	1,003	4,525	114,108
Ohio	75,884	5,132	5,849	10,981	144,706
Ohio	86,139	3,231	9,445	12,676	147,161
Ohio	126,902	6,653	12,027	18,680	147,202
Ohio	144,157	7,622	6,690	14,312	99,280
Ohio	126,014	17,787	-0-	17,787	141,149
Ohio	120,668	5,725	7,881	13,606	112,757
Ohio	54,735	3,724	3,343	7,068	129,124
Ohio	88,838	6,020	4,235	10,255	115,439
Ohio	109,362	6,078	11,860	17,938	164,024
Ohio	48,860	4,095	3,101	7,197	147,292
Ohio	61,575	3,619	4,361	7,980	129,598
Ohio	57,200	4,073	3,336	7,409	129,519
Wisconsin	127,927	9,172	15,370	24,541	191,834
Wisconsin	104,398	5,261	14,635	19,896	190,577
Wisconsin	62,791	3,115	3,306	6,421	102,256

Average
52 Properties: 133,270 Btu/Sq Ft

Appendix B-3

Annual Energy Requirements - 1983
53 Hotels/Motels

Southeastern U.S.

State	Sq Ft	Btu/Elec (Millions)	Btu/Fossil (Millions)	Total Btu's (Millions)	Btu/Sq Ft
Alabama	87,058	6,606	4,510	11,116	127,680
Alabama	72,745	6,343	4,927	11,270	154,924
Alabama	45,598	2,334	2,001	4,335	95,063
Florida	101,023	7,216	4,044	11,260	111,466
Florida	80,414	5,203	3,668	8,871	110,318
Florida	107,291	8,663	6,867	15,530	144,751
Florida	119,548	10,509	4,688	15,197	127,117
Florida	348,720	28,999	11,636	40,634	116,524
Florida	107,709	12,785	3,569	16,354	151,836
Florida	188,697	17,016	5,143	22,158	117,428
Georgia	65,599	4,753	3,670	8,423	128,397
Georgia	118,539	7,732	6,001	13,733	115,852
Georgia	1,170,600	95,577	37,256	132,833	113,474
Georgia	208,576	13,309	11,221	24,530	117,641
Georgia	45,598	2,055	1,810	3,865	84,755
Kentucky	73,695	6,034	-0-	6,034	81,883
Kentucky	66,000	3,415	7,194	10,609	160,750
Kentucky	48,961	3,254	1,469	4,722	96,458
Kentucky	98,578	7,058	2,926	9,984	101,285
Kentucky	55,151	4,742	3,445	8,187	148,440
Kentucky	37,928	3,572	3,033	6,606	174,180
Mississippi	95,138	7,940	4,078	12,018	125,527
Mississippi	42,541	4,538	3,900	8,438	198,355
Mississippi	37,749	2,211	1,434	3,645	96,564
North Carolina	53,050	3,733	6,680	10,412	196,281
South Carolina	111,962	9,062	3,252	12,314	109,986
South Carolina	99,358	7,019	6,818	13,837	139,259
South Carolina	66,780	3,702	7,056	10,758	161,096
South Carolina	83,268	7,199	5,623	12,822	153,988
South Carolina	45,598	1,904	1,450	3,354	73,547
South Carolina	45,598	2,089	1,384	3,473	76,170
Tennessee	144,547	10,407	10,947	21,353	147,724
Tennessee	121,559	6,575	5,932	12,507	102,887
Tennessee	148,482	10,867	8,823	19,690	132,610
Tennessee	120,894	7,674	6,519	14,193	117,398
Tennessee	87,148	5,657	6,973	12,630	144,927

Appendix B-3 (Cont'd)

Southeastern U.S.

State	Sq Ft	Btu/Elec (Millions)	Btu/Fossil (Millions)	Total Btu's (Millions)	Btu/Sq Ft
Tennessee	92,750	8,407	3,133	11,541	124,427
Tennessee	84,557	7,530	5,784	13,314	157,460
Tennessee	543,017	27,658	24,722	52,380	96,461
Tennessee	92,772	6,742	7,072	13,814	148,904
Tennessee	90,838	6,200	4,572	10,771	118,578
Tennessee	71,978	6,043	4,704	10,746	149,298
Tennessee	138,981	9,676	5,925	15,601	112,255
Tennessee	41,819	3,031	1,636	4,666	111,587
Tennessee	45,598	2,638	1,047	3,685	80,806
Virginia	62,584	6,647	1,208	7,855	125,511
Virginia	65,032	4,934	4,674	9,607	147,733
West Virginia	77,377	5,586	4,995	10,581	136,747
West Virginia	48,860	4,622	3,251	7,872	161,117
West Virginia	56,201	4,226	2,778	7,004	124,622
West Virginia	47,860	3,683	2,835	6,518	136,182
West Virginia	55,262	3,346	7,701	11,047	199,893
West Virginia	65,924	4,293	6,561	10,854	164,647

Average
53 Properties: 122,180 Btu/Sq Ft

Appendix B-4

Annual Energy Requirements - 1983
43 Hotels/Motels

South Central U.S.

State	Sq Ft	Btu/Elec (Millions)	Btu/Fossil (Millions)	Total Btu's (Millions)	Btu/Sq Ft
Arkansas	48,904	4,204	4,698	8,902	182,022
Arkansas	111,997	8,919	8,550	17,469	155,977
Arkansas	39,618	1,864	1,548	3,416	86,233
Arkansas	41,860	2,744	1,487	4,231	101,072
Louisiana	104,276	6,582	5,427	12,009	115,166
Louisiana	142,920	10,895	9,058	19,953	139,606
Louisiana	99,612	7,769	6,067	13,836	138,901
Louisiana	39,618	2,375	2,025	4,400	111,055
Lousisiana	37,748	2,612	1,694	4,306	114,059
Louisiana	52,699	2,369	2,756	5,125	97,250
Oklahoma	86,314	6,309	5,001	11,309	131,026
Oklahoma	45,598	2,544	1,389	3,933	86,263
Texas	153,295	11,072	8,509	19,580	127,730
Texas	78,412	5,415	5,645	11,059	141,042
Texas	82,844	6,548	5,958	12,506	150,862
Texas	59,897	7,582	2,703	10,284	171,695
Texas	91,602	6,070	5,452	11,522	125,785
Texas	151,454	11,092	7,029	18,121	119,646
Texas	90,604	7,244	6,868	14,112	155,751
Texas	62,707	6,336	4,658	10,994	175,323
Texas	141,509	10,100	8,857	18,957	133,963
Texas	103,577	11,058	5,323	16,381	158,156
Texas	203,855	16,313	11,914	28,227	138,464
Texas	593,807	56,691	60,478	117,169	197,318
Texas	45,598	2,391	1,961	4,352	95,445
Texas	38,869	2,090	1,538	3,628	93,336
Texas	37,375	2,117	1,624	3,740	100,080
Texas	38,870	1,889	1,453	3,342	85,979
Texas	37,338	2,042	1,577	3,619	96,923
Texas	37,375	2,196	1,760	3,956	105,846
Texas	42,981	1,991	1,813	3,805	88,515
Texas	37,375	2,003	1,888	3,891	104,107
Texas	45,980	2,683	2,063	4,746	103,212
Texas	38,123	1,837	2,208	4,045	106,093
Texas	45,598	2,112	1,687	3,799	83,313
Texas	45,224	1,707	1,545	3,252	71,909

Appendix B-4 (Cont'd)

South Central U.S.

State	Sq Ft	Btu/Elec (Millions)	Btu/Fossil (Millions)	Total Btu's (Millions)	Btu/Sq Ft
Texas	48,214	3,009	3,383	6,392	132,584
Texas	47,840	2,159	2,737	4,896	102,343
Texas	48,214	2,568	4,099	6,667	138,275
Texas	39,618	1,728	1,650	3,378	85,254
Texas	37,375	1,440	1,270	2,710	72,514
Texas	28,031	1,366	1,593	2,959	105,551
Texas	66,996	3,116	2,352	5,468	81,609

Average
43 Properties: 137,234 Btu/Sq Ft

Appendix B-5

Annual Energy Requirements - 1983
17 Hotels/Motels

Rocky Mountain States

State	Sq Ft	Btu/Elec (Millions)	Btu/Fossil (Millions)	Total Btu's (Millions)	Btu/Sq Ft
Arizona	70,065	4,886	2,759	7,645	109,117
Arizona	57,387	4,419	3,944	8,363	145,721
Arizona	57,714	3,501	5,314	8,814	152,722
Arizona	40,365	1,701	1,314	3,015	74,698
Colorado	94,846	4,228	7,979	12,206	128,694
Colorado	49,700	2,627	3,478	6,105	122,841
Idaho	153,315	14,044	-0-	14,044	91,601
Nevada	66,357	2,487	6,410	8,897	134,078
Nevada	95,689	5,220	3,070	8,291	86,640
Nevada	217,390	8,349	3,020	11,369	52,300
Nevada	152,763	6,510	7,750	14,260	93,348
Nevada	3,012,086	216,205	168,486	384,691	127,716
New Mexico	146,244	8,121	8,094	16,214	110,870
New Mexico	39,618	1,342	1,711	3,053	77,068
Utah	80,649	3,781	15,075	1,885	233,797
Utah	81,378	4,323	7,176	11,499	141,303
Utah	45,598	3,128	2,161	5,289	115,983

Average
17 Properties: 121,630 Btu/Sq Ft

Appendix B-6

Annual Energy Requirements - 1983
22 Hotels/Motels

Pacific Coast States

State	Sq Ft	Btu/Elec (Millions)	Btu/Fossil (Millions)	Total Btu's (Millions)	Btu/Sq Ft
Alaska	137,104	8,140	11,316	19,456	141,906
California	59,732	3,289	3,534	6,823	114,224
California	70,883	4,105	3,619	7,724	108,963
California	63,898	4,238	3,758	7,996	125,135
California	66,665	3,951	3,192	7,143	107,148
California	101,006	5,452	4,237	9,689	95,929
California	109,325	5,766	3,327	9,094	83,179
California	144,716	14,320	10,631	24,951	172,414
California	143,081	7,452	5,493	12,945	90,472
California	83,959	4,924	4,439	9,363	111,516
California	104,280	5,896	4,816	10,712	102,721
California	299,610	18,015	2,871	20,886	69,712
California	192,024	7,315	11,539	18,854	98,187
California	338,343	12,795	12,907	25,702	75,966
California	77,309	4,814	5,819	10,634	137,545
California	118,792	6,857	7,613	14,471	121,816
California	281,166	15,159	15,778	30,937	110,031
California	1,377,034	59,140	69,775	128,915	93,618
Hawaii	135,895	6,978	4,778	11,755	86,501
Oregon	390,130	17,637	33,827	51,464	131,915
Washington	65,553	2,092	3,429	5,521	84,219
Washington	124,075	5,128	9,023	14,151	114,051

Average
22 Properties: 102,392 Btu/Sq Ft

APPENDIX C

Domestic Water Use of 166 Hotels/Motels - 1983

By Size of Property

Appendix C-1:	Up to 150 Rooms	(62 properties)
Appendix C-2:	151 to 200 Rooms	(39 properties)
Appendix C-3:	201 to 300 Rooms	(42 properties)
Appendix C-4:	301 to 500 Rooms	(16 properties)
Appendix C-5:	Over 500 Rooms	(7 properties)

Appendix C-1

Domestic Water Use By Hotels/Motels
1983
Up to 150 Rooms (62 Properties)

Property Location (State)	No. of Rooms	Facilities[1]	Gallons Per Available Room	Gallons Per Occupied Room	Gallons Per Guest
Alabama	122	L,SP	71	93	-
Arkansas	106	L,SP	96	68	-
Arizona	108	L,SP	181	130	-
Arizona	144	K,L,SP	201	247	-
Arizona	140	K,L,SP	187	342	-
Arizona	145	K,L,SP	200	434	-
California	150	K,L,SP	172	191	-
California	124	K,L,SP	225	273	-
California	127	K,L,SP	194	214	-
California	126	K,L,SP	171	199	-
Colorado	130	L,SP	214	169	-
Dist. of Columbia	145	K,L,SP	255	530	-
Georgia	122	L,SP	107	97	-
Indiana	122	L,SP	228	136	-
Kentucky	131	L,SP	123	65	-
Kentucky	102	K,L,SP	-	-	129
Louisiana	106	L,SP	117	93	-
Louisiana	141	L,SP	213	138	-
Mississippi	101	L,SP	171	131	-
Mississippi	116	K,L,SP	195	237	-
Michigan	149	K,L,SP	135	217	-
Nevada	150	K,L,SP	138	272	-
New Mexico	106	L,SP	193	167	-
New Hampshire	120	K,L,SP	249	346	-
New York	119	K,L,SP	100	126	-
North Carolina	132	K,L,SP	157	189	-
North Carolina	148	K,L,SP	160	211	-
North Carolina	149	K,L,SP	156	215	-
Ohio	148	K,L,SP	160	211	-
Ohio	149	K,L,SP	156	215	-
Ohio	104	K,L,SP	-	-	118
Ohio	106	K,L,SP	-	-	134
Ohio	107	K,L,SP	-	-	252
Ohio	106	K,L,SP	-	-	121
Ohio	109	K,L,SP	-	-	159

Appendix C-1 (Cont'd)

Up to 150 Rooms

Property Location (State)	No. of Rooms	Facilities[1]	Gallons Per Available Room	Gallons Per Occupied Room	Gallons Per Guest
Ohio	120	K,L,SP	-	-	-
Oklahoma	122	L,SP	91	60	-
Pennsylvania	134	K,L,SP	183	279	-
South Carolina	148	K,L,SP	268	346	-
South Carolina	122	L,SP	91	60	-
Tennessee	122	L,SP	192	114	-
Texas	136	L,SP	91	155	-
Texas	105	L,SP	125	147	-
Texas	100	L,SP	163	169	-
Texas	104	L,SP	214	228	-
Texas	100	L,SP	126	130	-
Texas	115	L,SP	236	282	-
Texas	101	L,SP	177	213	-
Texas	102	L,SP	166	205	-
Texas	122	L,SP	117	133	-
Texas	121	L,SP	149	167	-
Texas	130	L,SP	146	209	-
Texas	128	L,SP	170	178	-
Texas	106	L,SP	71	88	-
Texas	100	L,SP	123	224	-
Texas	75	L,SP	167	317	-
Texas	128	L,SP	152	260	-
Texas	114	L,SP	142	199	-
Texas	123	L,SP	117	139	-
West Virginia	106	K,L,SP	-	-	104
West Virginia	142	K,L,SP	-	-	129

Note:

1 Facilities.

L denotes property has a laundry
SP denotes property has a swimming pool
K denotes property has a kitchen

Appendix C-2

Domestic Water Use by Hotels/Motels
1983
151 to 200 Rooms (39 Properties)

Property Location (State)	No. of Rooms	Facilities[1]	Gallons Per Available Room	Gallons Per Occupied Room	Gallons Per Guest
Alabama	160	K,L,SP	221	261	-
California	190	K,L,SP	159	236	-
California	191	K,L,SP	175	223	-
Colorado	165	K,L,SP	126	204	-
Florida	199	K,L,SP	227	273	-
Florida	178	K,L,SP	168	231	-
Georgia	172	K,L,SP	139	187	-
Indiana	155	K,L,SP	95	170	-
Indiana	161	K,L,SP	96	200	-
Illinois	200	K,L,SP	-	-	154
Kansas	195	K,L,SP	204	268	-
Louisiana	195	K,L,SP	150	184	-
Kentucky	156	K,L,SP	-	-	107
Kentucky	170	K,L,SP	-	-	168
Michigan	197	K,L,SP	125	186	-
Michigan	153	K,L,SP	69	103	-
Michigan	153	K,L,SP	135	180	-
Missouri	169	K,L,SP	248	353	-
Minnesota	172	K,L,SP	184	260	-
Mississippi	177	K,L,SP	131	167	-
New York	159	K,L,SP	-	-	116
New York	168	K,L,SP	-	-	117
New York	152	K,L,SP	-	-	127
Ohio	161	K,L,SP	-	-	170
Ohio	168	K,L,SP	-	-	265
Oklahoma	159	K,L,SP	-	-	183
South Carolina	171	K,L,SP	132	176	-
South Carolina	178	K,L,SP	197	237	-
Tennessee	153	K,L,SP	191	283	-
Tennessee	173	K,L,SP	176	260	-
Tennessee	161	K,L,SP	165	204	-
Texas	198	K,L,SP	180	267	-
Texas	175	K,L,SP	199	234	-
Texas	168	K,L,SP	183	236	-
Texas	165	K,L,SP	234	314	-

Appendix C-2 (Cont'd)

151 - 200 Rooms

Property Location (States)	No. of Rooms	Facilities[1]	Gallons Per Available Room	Gallons Per Occupied Room	Gallons Per Guest
Texas	163	K,L,SP	165	210	-
Utah	160	K,L,SP	289	348	-
Washington	194	K,L,SP	181	242	-
Wisconsin	156	K,L,SP	157	202	-

Note:

1 Facilities.

L denotes property has a laundry
SP denotes property has a swimming pool
K denotes property has a kitchen

Appendix C-3

Domestic Water Use By Hotels/Motels
1983
201 to 300 Rooms (42 Properties)

Property Location (State)	No. of Rooms	Facilities[1]	Gallons Per Available Room	Gallons Per Occupied Room	Gallons Per Guest
Alabama	202	K,L,SP	259	376	-
Arkansas	202	K,L,SP	200	238	-
California	202	K,L,SP	150	243	-
California	233	K,L,SP	184	226	-
California	202	K,L,SP	167	211	-
California	260	K,L,SP	205	237	-
Georgia	227	K,L,SP	139	184	-
Illinois	243	K,L,SP	138	220	-
Illinois	233	K,L,SP	110	161	-
Illinois	220	K,L,SP	-	-	139
Illinois	235	K,L,SP	228	327	-
Illinois	213	K,L,SP	207	258	-
Indiana	228	K,L,SP	135	171	-
Indiana	263	K,L,SP	144	223	-
Iowa	205	K,L,SP	79	181	-
Louisiana	209	K,L,SP	254	378	-
Louisiana	252	K,L,SP	244	329	-
Michigan	246	K,L,SP	166	182	-
Michigan	211	K,L,SP	117	184	-
Missouri	255	K,L,SP	159	288	-
Missouri	243	K,L,SP	90	167	-
Nevada	203	K,L,SP	185	292	-
New Mexico	297	K,L,SP	207	291	-
New York	224	K,L,SP	124	165	-
Ohio	248	K,L,SP	173	270	-
Ohio	246	K,L,SP	-	-	297
Ohio	249	K,L,SP	110	176	-
Ohio	214	K,L,SP	-	-	214
Ohio	242	K,L,SP	124	161	-
Pennsylvania	288	K,L,SP	124	188	-
South Carolina	265	K,L,SP	137	189	-
Tennessee	215	K,L,SP	124	185	-
Tennessee	238	K,L,SP	144	195	-
Tennessee	233	K,L,SP	160	244	-
Tennessee	207	K,L,SP	126	166	-

Appendix C-3 (Cont'd)

201 to 300 Rooms

Property Location (State)	No. of Rooms	Facilities[1]	Gallons Per Available Room	Gallons Per Occupied Room	Gallons Per Guest
Tennessee	274	K,L,SP	187	242	-
Texas	209	K,L,SP	162	241	-
Texas	250	K,L,SP	224	251	-
Texas	241	K,L,SP	86	112	-
Virginia	201	K,L,SP	139	181	-
Washington	260	K,L,SP	165	233	-
Wisconsin	232	K,L,SP	102	136	-

Note:

1 Facilities.

L denotes property has laundry
SP denotes property has swimming pool
K denotes property has a kitchen

Appendix C-4

Domestic Water Use by Hotels/Motels
1983
301 to 500 Rooms (16 Properties)

Property Location (State)	No. of Rooms	Facilities[1]	Gallons Per Available Room	Gallons Per Occupied Room	Gallons Per Guest
California	390	K,L,SP	152	227	-
Connecticut	359	K,L,SP	96	168	-
Florida	349	K,L,SP	303	661	-
Hawaii	306	K,L,SP	153	178	-
Illinois	500	K,L,SP	144	195	-
Illinois	441	K,L,SP	-	116	184
Massachusetts	304	K,L,SP	93	120	-
Missouri	391	K,L,SP	198	273	-
Minnesota	325	K,L,SP	184	260	-
Nevada	416	K,L,SP	157	386	-
Oregon	456	K,L,SP	-	145	219
Pennsylvania	379	K,L,SP	-	71	105
Tennessee	301	K,L,SP	189	273	-
Tennessee	393	K,L,SP	155	247	-
Texas	305	K,L,SP	224	285	-
Texas	317	K,L,SP	247	330	-

Note:

1 Facilities.

L denotes property has a laundry
SP denotes property has a swimming pool
K denotes property has a kitchen

Appendix C-5

Domestic Water Use by Hotels/Motels
1983
Over 500 Rooms (7 Properties)

Property Location (State)	No. of Rooms	Facilities[1]	Gallons Per Available Room	Gallons Per Occupied Room	Gallons Per Guest
California	1,800	K,L,SP	-	130	141
California	540	K,L,SP	-	108	123
Florida	640	K,L,SP	96	126	-
Georgia	1,221	K,L,SP	-	215	251
Illinois	2,153	K,L,SP	-	187	405
Louisiana	1,602	K,L,SP	-	158	198
New York	2,131	K,L,SP	-	214	210

Note:

1 Facilities. L denotes property has a laundry
SP denotes property has a swimming pool
K denotes property has a kitchen